1	writing at the top where it says "Informal objection"?
2	A Right.
3	Q The wording at the top of this, obviously not
4	your handwriting, so it appears to be a form that you
5	received from somebody else. Is that correct?
6	A Yes.
7	Q Okay. And my question is: Where did you
8	receive the form? Or from whom did you receive the
9	form, if you recall?
10	A The notary was at the office building of the
11	trailer court, Camelot Estates. And that's I went
12	in. The forms were there, and I filled it out and had
13	it notarized.
14	Q Okay. There was like a pile of forms in the
15	trailer court office?
16	A Someone there handed it to me. I think it
17	was probably the notary.
18	Q Okay. And if I can refer you to page 18 and
19	19. Now do you remember who gave you again, this
20	appears to be a question and a form. Is that an
21	accurate characterization?
22	A Yes, it's a form.
23	Q Okay. And, if you recall, from whom did you
24	receive this?
25	A It would have been from Doris Smith or

1	Jean Hillis. They were our I was working, and they
2	were the ones that knew how to go about these things.
3	Q Okay. So you had conversations with is it
4	fair to say that you had several conversations with
5	Mrs. Hillis and Mrs. Smith over this time period about
6	the KOKS situation?
7	A Well, I talked to several people about it,
8	them too.
9	Q Okay. But you did speak with them?
10	A Yes, my landlord and my neighbors.
11	Q Okay. Did Mrs. Hillis or Mrs. Smith ever
12	tell you that Channel 6 was not a local channel that
13	KOKS was obligated to cure interference to, or words to
14	that effect?
15	MR. SHOOK: Your Honor, I have an objection
16	to that question only because I don't see the relevance
17	here.
18	JUDGE STIRMER: What is the relevance?
19	MR. DUNNE: The relevance, Your Honor, is the
20	general belief that I believe testimony will show that
21	Channel 6 was not a guaranteed it is not only that
22	Mrs. Stewart, but other people didn't believe that KOKS
23	was responsible for curing interference with Channel 6.
24	JUDGE STIRMER: What would be the purpose of
25	having that evidence from this witness? State of mind?

1	Or whether it was an accurate reflection of law or
2	what?
3	MR. DUNNE: No, it was an accurate reflection
4	of people's belief at the time. Once again, Your
5	Honor, the belief of KOKS as to its obligations I think
6	is critical in evaluating a misrepresentation issue;
7	specifically whether people had their complaint cured
8	vis-a-vis Channel 6. It may be that the witness can't
9	answer this witness.
10	JUDGE STIRMER: I will overrule his
11	objection. Do you remember the question, Mrs. Wynn?
12	THE WITNESS: Did
13	JUDGE STIRMER: Did Mrs. Hillis
14	THE WITNESS: Hillis?
15	JUDGE STIRMER: or Mrs. Smith ever tell
16	you that the station KOKS was under no obligation to
17	correct the problem of receiving Channel 6? Did they
18	ever tell you that?
19	THE WITNESS: I can't remember it if they
20	did.
21	JUDGE STIRMER: All right. You have no
22	recollection of them having told you?
23	THE WITNESS: No.
24	JUDGE STIRMER: Having told you that? All
25	right.

1	MR. DUNNE: Now, Your Honor, I am going to
2	show Mrs. Wynn what has been marked, identified and
3	admitted as KOKS Exhibit No. 11.
4	BY MR. DUNNE:
5	Q I would like you to take a quick look at
6	that, if you would, Mrs. Wynn.
7	(Pause.)
8	JUDGE STIRMER: Is there any portion that you
9	want to direct the witness's attention to?
10	MR. DUNNE: Well, first I wanted to
11	BY MR. DUNNE:
12	Q Have you had a chance to read that, Mrs.
13	Wynn?
14	A Let's see.
15	Q My first question to you, and you can
16	continue reading it if you wish. But have you ever
17	seen that before?
18	A Oh. I can't tell you that I did or I didn't.
19	Q Okay.
20	A But I'll tell you that I probably did, but I
21	can't say I did or I didn't.
22	Q Okay. Well, let me direct your attention, if
23	I may, to the last sentence in paragraph one. It is
24	the one that is underlined right there. Okay. Do you
25	recall reading that before today?

1	A "The FCC states Channel 6 is not an
2	authorized station for this area." I can't remember
3	this specific thing here.
4	Q Okay.
5	A This paper, but
6	Q If you don't remember, Mrs. Wynn, you don't
7	remember.
8	A Well, that's
9	Q That is your testimony.
10	MR. DUNNE: Your Honor, I have nothing
11	further.
12	JUDGE STIRMER: Do you have redirect, Mr.
13	Shook?
14	MR. SHOOK: Probably only one or two
15	questions.
16	REDIRECT EXAMINATION
17	BY MR. SHOOK:
18	Q Mrs. Wynn, with respect to your listening to
19	your FM radio, the position in your house at Camelot
20	Estates of that radio didn't change from the time KOKS
21	came on the air until you moved to Arkansas? Is that
22	the case?
23	A Yeah, that's right.
24	Q Now
25	A May have took it out for an hour or two and
ı	

1	changed it, but it always went back by my bed.
2	Q All right. Now if you could look back to,
3	you know, before you moved, so from October of 1992,
4	going back in time, do you recall what for, say the
5	prior year, a typical day for listening to the radio
6	would have been in terms of what you were able to hear
7	and what you weren't able to hear?
8	A I don't know exactly how to answer that,
9	except that my radio is important to me, and has been
10	for a long time, to hear it. I would listen to it
11	regardless, but I wouldn't like it if the sound wasn't
12	good. And there were times the sound was not good.
13	There was times when it was all right.
14	Q Could you discern any pattern to when the
15	sound was acceptable or that you liked and then the
16	sound was not as good?
17	A Well, of course, I mainly listened to it at
18	night, and that is when the sound would either be bad
19	or good.
20	Q All right. When it was good, would it be
21	good for how long a period of time?
22	A Possibly for hours or all night.
23	Q All right. Now when it wasn't good, what
24	time period would be involved with that?
25	A It would probably have been in the evening

1	hours, sometime from around 10 o'clock.
2	Q Right. Now I don't mean necessarily when you
3	listened to the radio. I mean, you are now listening
4	to the radio. You have got the radio on, and it is not
5	playing or the music is not coming out the way you
6	would like it to. If that were the case, how long
7	would that situation last?
8	A Well, it would be a matter of an hour or
9	more. It would be quite a length of time. If it was
10	bad, it was bad.
11	Q In other words, if you turned it on to listen
12	and it happened to be bad that night, it would
13	generally stay bad the entire time you had it on?
14	A Uh-huh. Now there was a long time there that
15	I would listen, and at midnight when the radio station
16	went off, then the sound would be good then.
17	Q Now what period of time is this?
18	JUDGE STIRMER: What radio station are you
19	talking about? KOKS?
20	THE WITNESS: I am talking about KOKS,
21	because there was a while there that they went off the
22	air, if I am not mistaken, at midnight, and then it
23	would just be fine.
24	JUDGE STIRMER: And your radio reception was
25	fine before they went on the air?

1	THE WITNESS: Yes.
2	MR. SHOOK: Your Honor, I have no further
3	questions.
4	JUDGE STIRMER: All right. Do you have any
5	further cross, Mr. Dunne?
6	MR. DUNNE: No, I don't, Your Honor.
7	JUDGE STIRMER: May the witness be excused?
8	MR. DUNNE: Yes, she may.
9	JUDGE STIRMER: Thank you very much, Mrs.
10	Wynn.
11	MR. DUNNE: Thank you, Mrs. Wynn.
12	THE WITNESS: You are welcome.
13	JUDGE STIRMER: You are excused.
14	(The witness was excused.)
15	JUDGE STIRMER: Do you have another witness,
16	Mr. Shook?
17	MR. SHOOK: Mr. Ramage should be out there.
18	JUDGE STIRMER: Very well.
19	(Off the record.)
20	(Back on the record.)
21	JUDGE STIRMER: Mr. Shook, do you have
22	another witness to present at this time?
23	MR. SHOOK: Yes, I do, Your Honor. I have
24	Mr. Ronald Ramage.
25	JUDGE STIRMER: Mr. Ramage, would you please

1	come forward and be sworn? Raise your right hand,
2	please.
3	
4	Whereupon,
5	RONALD RAMAGE
6	having been first duly sworn, was called as a witness
7	herein and was examined and testified as follows:
8	JUDGE STIRMER: Would you have a seat,
9	please, sir? Now, Mr. Ramage, you have submitted sworn
10	written testimony in this proceeding.
11	THE WITNESS: Yes, sir.
12	JUDGE STIRMER: Is that correct?
13	THE WITNESS: Yes.
14	JUDGE STIRMER: All right. Now Mr. Dunne has
15	asked to cross-examine you, and that is the purpose of
16	why you are here.
17	THE WITNESS: Okay.
18	JUDGE STIRMER: All right.
19	MR. SHOOK: Your Honor, before we start with
20	that, if my recollection serves, when we were at the
21	admissions session, there were a number of areas that I
22	would be allowed to ask questions of Mr. Ramage because
23	of various questions that arose concerning another
24	JUDGE STIRMER: Oh, those two other reports?
25	MR. SHOOK: Well, the two other reports

1	and
_	
2	MR. DUNNE: Excuse me. Is this something
3	that we ought be discussing with witnesses present?
4	MR. SHOOK: If it is not acceptable to you,
5	we can have
6	MR. DUNNE: I am asking you, Jim, because I
7	don't know what you are going to raise.
8	MR. SHOOK: No, I don't think there is a
9	problem.
10	MR. DUNNE: Okay.
11	MR. DUNNE: In any event, I thought there
12	were several subject areas that, you know, I would be
13	asking a few questions about before Mr. Dunne went into
14	his cross-examination.
15	JUDGE STIRMER: What specific areas?
16	MR. SHOOK: Well, I'll tell you what. What I
17	have can wait. If it doesn't come out on cross-
18	examination, it may not even be necessary.
19	JUDGE STIRMER: All right. Maybe you can
20	MR. SHOOK: It is not
21	JUDGE STIRMER: All right. Let's proceed.
22	MR. DUNNE: Thank you, Your Honor.
23	CROSS-EXAMINATION
24	BY MR. DUNNE:
25	Q Good evening, Mr. Ramage. My name is

1	Joseph Dunne. I am counsel for Calvary Educational
2	Broadcasting Network Inc. I am going to be asking you
3	questions about your written testimony. I want to make
4	sure before we begin that you understand that our
5	purpose here is to get an accurate answer from you. So
6	if you don't hear my question and it is getting
7	late, so we can mumble as we get, as time goes on
8	but you correct me, or if you don't understand my
9	question. I also want you to be sure that when you
10	answer a question that you understand that I want what
11	you recall, what you remember or recall. Okay? Now
12	your written testimony, Mr. Ramage, was prepared in the
13	normal course of your business as an engineer for the
14	FCC. Is that correct?
15	A That is correct.
16	Q And you work in the Kansas City Field Office?
17	A That is correct.
18	Q Now are you the author of this report?
19	A Yes.
20	Q Are you the sole author of this report?
21	A Yes.
22	Q Mr. Gusick didn't have anything to do with
23	the preparation of this report?
24	A No, he did not.
25	Q He did not? He had no input in the

1	preparation of this report?
2	A Not in the preparation of the report.
3	Mr. Gusick was a new engineer who had only been with us
4	a couple of months, and so he was here basically to
5	assist me in getting the data when I was here in
6	February.
7	Q Okay. Would it be fair to say that Mr.
8	Gusick essentially was kind of the rookie watching the
9	professional undertake an investigation?
10	A Yes.
11	Q And, Mr. Ramage, do you know Clarke Poole?
12	A Yes.
13	Q Does he also work at the Kansas City Field
14	Office of the FCC?
15	A No, he does not.
16	Q But at one time he did?
17	A Not to my knowledge, he is not. No.
18	Q Okay. How do you know Clarke Poole?
19	A He works for the Grand Island, Nebraska,
20	Field Office.
21	Q Okay. How long have you worked for the FCC
22	Field Office in Kansas City?
23	A I began work with them in September 1983.
24	Q Okay. And Clarke Poole didn't work for the
25	Kansas City Field Office?

1	A No.
2	Q Okay. What about Mrs. Karen Raines?
3	A Mrs. Raines has been employed by the Kansas
4	City Office and still is employed in that capacity.
5	Q Okay. And what is her capacity at the Kansas
6	City Field Office?
7	A Her title is Public Affairs Specialist.
8	Q Okay. Is Mr. Moffit employed, now employed
9	by the Kansas City Field Office of the FCC?
10	A No, he is not.
11	Q Was there a time when he was, to your
12	knowledge?
13	A Yes.
14	Q When did he stop working for the Kansas City
15	Field Office?
16	A I believe it was December of 1991. He was
17	transferred to the Los Angeles Field Office. I say he
18	was transferred. He voluntarily transferred. It was
19	an upgrade for him.
20	Q Okay. Before you made your inspection of
21	February of 1992, did you review any documents or files
22	in connection with your inspection?
23	A What kind of documents?
24	Q Well, that is a yes-or-no.
25	A Oh.

1	Q Did you review any documents?
2	A Yes, I reviewed some documents.
3	Q Okay. Can you describe for us what documents
4	or files you did review, if you recall?
5	A Pertaining to the station. I believe I
6	reviewed the last inspection that was conducted at the
7	station.
8	Q And that last inspection, Mr. Ramage, would
9	have been by whom?
10	A Mr. Moffit.
11	Q Okay. Was there any other documents that you
12	may or may not have reviewed other than Mr. Moffit's
13	last inspection?
14	A I do not recall.
15	Q Okay. Do you recall reviewing any Commission
16	orders having to do with the station?
17	A No, I do not.
18	Q Okay. Specifically, Mr. Ramage, may I refer
19	your attention to what has been admitted as Mass Media
20	Bureau Exhibit No. 24? It is one of those big, heavy
21	books right in front of you.
22	MR. SHOOK: Your Honor, may I?
23	JUDGE STIRMER: Yes. Would you assist the
24	witness, please, Mr. Shook? Hopefully, we will become
25	more familiar with these volumes.

1	(Pause.)
2	BY MR. DUNNE:
3	Q Mr. Ramage, is that a document that you may
4	or may not have reviewed prior to your inspection of
5	KOKS?
6	A I do not recall reviewing this document
7	before that inspection.
8	Q But you have no distinct recollection of not
9	reviewing it? You just don't remember?
10	A I just don't remember.
11	Q Are there any other FCC documents or letters
12	to the applicant that you recall reviewing prior to
13	your inspection of 1982, February of 1992?
14	A No.
15	Q Did you review Clarke Poole's inspection
16	report?
17	A I have, but not before the inspection.
18	Q Okay. So that was not something that you
19	read prior to going to KOKS?
20	A Not to my knowledge, I did not read it.
21	Q Okay. Now to kind of speed things up,
22	Mr. Ramage, Clarke Poole's Mr. Moffit's report has
23	admitted into evidence as KOKS Exhibit No. 6, and I am
24	going to approach you and show you something.
25	Unfortunately, it is not up there, and I will show it

1	to you.	
2	A	All right.
3	Q	It is Exhibit No. 6, and I am showing you the
4	page tha	t reads, "Broadcast Inspection Data Summary."
5	A	Uh-huh.
6	Q	Okay. Is that a standard FCC form that field
7	inspecto	rs use?
8	A	Yes.
9	Q	Mr. Ramage, was that a form that you used in
10	your ins	pection in February of 1992?
11	A	Yes.
12	Q	That form is not I know this is not in
13	this rep	ort. Is that correct?
14	A	I do not recall whether it is or not. I do
15	not beli	eve it is.
16	Q	Okay. But is something that you did fill out
17	in conne	ction with the
18	A	Yes.
19	Q	Okay. Can you tell us, Mr. Ramage, what
20	prompted	this particular inspection, if anything?
21	A	We had received, our office, the Kansas City
22	Office,	had received a request from the Mass Media
23	Bureau.	
24	Q	Mr. Ramage, could you speak up a little bit?
25	I am hav:	ing trouble hearing you.

1	A Yes, okay. Our Kansas City Office had
2	received a request from the Commission's Mass Media
3	Bureau. And I am not sure where the request
4	originated, but we received a request to go to Poplar
5	Bluff and inspect the station and also to look at a set
6	number of complainants' homes to see what had or had
7	not been done by the station to resolve interference.
8	Q Okay. You say you received from the Mass
9	Media Bureau. Was this a written sort of communication
10	or an oral communication, if you know or recall?
11	A I believe it was a written communication
12	forwarded through what we call our Enforcement
13	Division, the FCC Enforcement Division.
14	Q Okay. So when you received this written
15	document in Kansas City, the people who were to be
16	visited were already identified?
17	A Yes.
18	Q And you had no input into who was being
19	visited and who wasn't?
20	A That is correct.
21	Q To your knowledge, did anyone in the Kansas
22	City Field Office have any input into who was being
23	visited and who wasn't?
24	A Not to my knowledge.
25	Q There has been extensive testimony, Mr.

1	Ramage, concerning various complaints that got sent to
2	the Kansas City Field Office with respect to this case.
3	Are you aware of those complaints, or were they part of
4	the file?
5	A I am aware that there were several complaints
6	submitted.
7	Q When you say "several," what do you mean by
8	"several"?
9	A It is my understanding that a petition had
10	been signed or a large number of complaints. I am not
11	sure of the exact number. It would be in excess of 10,
12	maybe more.
13	Q To your knowledge, have there been any
14	contacts, oral contacts, that weren't in forms of
15	petitions with your office concerning this case?
16	A I am sure that, yes, there was, to my
17	knowledge. And Mrs. Raines had indicated that she had
18	received some phone calls.
19	Q Okay. You didn't receive any phone calls?
20	A No.
21	Q Prior to your inspection, you didn't receive
22	any phone calls?
23	A No.
24	Q After the inspection, did you receive any
25	phone calls?

1	A	From?
2	Q	From people in Kansas City concerning this
3	case? Fr	om people in Poplar Bluff with respect to this
4	case?	
5	A	No, I do not recall any further phone calls.
6	Q	Mr. Ramage, I would like to am I
7	pronounci	ng your name correctly? It is Ramage, isn't
8	it?	
9	A	Yes.
10	Q	If I may refer you to Attachment A of your
11	testimony	, page 16, if you would make quick reference
12	to that.	It is in Volume I of our big set of books
13	here.	
14	A	Attachment A?
15		JUDGE STIRMER: Page 16.
16		THE WITNESS: Page 16, Attachment A? All
17	right, ye	s.
18		BY MR. DUNNE:
19	Q	Okay. Do you recall where these measurements
20	were take	n?
21	A	Yes, I do.
22	Q	And where was that, Mr. Ramage?
23	A	There was a road that runs to the KOKS tower
24	from the	highway out here. The road runs basically
25	north and	south. It was right on the curve of the

road, which would be, I believe, north of the tower. 1 2 0 Was there any particular reason that you chose that particular site for your tower measurements? 3 Because I knew the Smiths and Hillises were 4 Α some of the main people involved in the case. 5 lived in that area. The tower was in that area. And the reason that I wanted to take them there was to try 7 8 to pick a spot that could be repeatable, where I could 9 check it during the week. 10 Q Okay. 11 So I wanted an easily accessible place that 12 was near the tower. Okay. I notice that you didn't take any 13 0 14 measurements for Channel 15? 15 Α No. 16 Is there any reason that you didn't? Q 17 Α It was there in town. It was very close to 18 the tower. It wasn't a worry as to whether or not they 19 were getting enough signal from Channel 15, to me. I did not worry about Channel 15 having enough signal in 20 21 that area, serving that area. 22 Mr. Ramage, if I were to use the term 23 "ghosting," would you understand what I meant? 24 Α Yes. 25 Could you describe it? What would you mean Q

if you were to use the word "ghosting"? That is a better question.

A Ghosting to me is when you are trying to watch one TV picture and you see another picture or the same picture in the background where it is not -- it is kind of a fuzzy picture, but you may see other things moving in the background indicating like there may be two different signals trying to be viewed at the same time.

Q Okay. Is there a technical explanation for ghosting?

A Usually it is two signals reaching the receiver at different times, reflecting off of man-made objects or other objects so that you have a TV signal coming directly from maybe a TV transmitter and another signal that maybe the transmitter is bouncing off of a water tank or other object so that you get two separate signals at different times. So the TV is trying to view these two different signals that are not in sync.

Q All right. There has been testimony here in this proceeding that ghosting sometimes affects TV stations' signals right under their tower. Are you familiar with that phenomenon?

A I haven't found it myself, but I would not be surprised if that could occur.

1	Q Why would you not be surprised that it would
2	occur?
3	A Because, again, it is, it can be reflecting
4	off of nearby objects. It just takes two signals
5	arriving at the TV set at different times.
6	Q Do TV signals reflect off of metal objects
7	more than, for example, towers or water towers? I
8	think you mentioned water towers?
9	A Yes. They would tend to reflect off of meta
10	objects more than, say, the ground or trees.
11	Q Okay. And that might create ghosting, a
12	ghosting appearance in some instances?
13	A I am not sure of your question.
14	Q I said, if a signal were to bounce off of
15	something metal like a tower or a water tower, that
16	that could create a ghosting effect in some receivers?
17	A Yes.
18	Q Okay. The observed measurement of WESD-TV,
19	Channel 6, that is a licensed to what community, if you
20	know, Mr. Ramage?
21	A I believe that is Paducah, Kentucky.
22	Q Okay. And how far away is Paducah, Kentucky
23	from these measurements, where these measurements were
24	derived?
25	A By my calculations, it is approximately 86

1	miles from the KOKS tower.
2	Q Okay. Now 400 UV/M? Can you translate that
3	to English for us?
4	A UV is microvolts, and M is for meter, slash
5	M. UV is microvolts per meter. It is a unit of
6	measurement of field strength.
7	Q Okay. In the TV rules, I forgot the section
8	I am sure you know that the Commission defines
9	certain field strength contours. For example, a city
10	grade is a 80-DB contour, and Grade A is a 74-DB
11	contour. Am I accurately quoting the figures, Mr.
12	Ramage?
13	A I am not positive what the figures are. I
14	know there are contours, but I do not know what the
15	figures are.
16	Q Okay. Do you know, if you were could you
17	translate microvolts per meter into DB or DBU?
18	A I would have to look it up. I do not know
19	off the top of my head.
20	Q Would you know off the top of your head
21	whether 40 microvolts per meter or excuse me, 400
22	microvolts per meter would equal 64 DBU?
23	A No, I would not know that.
24	Q You don't know?
25	A No, I do not know.

1	Q Do you know of your own personal knowledge
2	whether WESD-TV's Grade B contour covers Poplar Bluff?
3	A I do not believe that it does.
4	Q Okay. Now what about KAIT-TV, Channel 8, do
5	you know where that station comes from?
6	A Channel 8 is Jonesboro, Arkansas.
7	Q And how far aware is that from the place that
8	you took these measurements?
9	A From my calculations, it is approximately 68
10	miles.
11	Q And if I were to ask you to change 935
12	microvolts per meter into DVU, you couldn't do that off
13	the top of your head either?
14	A No.
15	Q Okay. Mr. Ramage, I would like to refer you,
16	if I may, to what has been marked and admitted into
17	evidence as KOKS Exhibit No. 5, FCC Report of Clarke
18	Poole. And I would like to refer you to paragraph 4
19	here. I would like you to read that, these lines here,
20	to yourself.
21	A Okay.
22	JUDGE STIRMER: What page are you on?
23	MR. SHOOK: What page are we on?
24	MR. DUNNE: I'm sorry. That is KOKS
25	Exhibit 5, page 3, the third and the fourth paragraphs.

1	JUDGE STIRMER: Concerning to the
2	measurements?
3	MR. DUNNE: Yes, sir. Mr. Shook, do you mind
4	if I stand close to the witness since he has got my
5	only
6	MR. SHOOK: No.
7	MR. DUNNE: Your Honor, do you have any
8	problems with that?
9	BY MR. DUNNE:
10	Q Now your testimony is that you did not review
11	this particular report before you inspected KOKS in
12	Poplar Bluff. Is that correct?
13	A Not to my knowledge.
14	Q But you have looked at this report since you
15	inspected KOKS? Is that your testimony?
16	A Yes.
17	Q So you have read before, sometime between
18	February 1992 and today's date?
19	A Yes.
20	Q Okay. It notes that these measurements were
21	taken at widely separated locations rather that one
22	location. Is that correct?
23	A Correct.
24	Q Now these figures are very different than
25	your figures. Is that correct?